

What is claimed is:

1. A collapsible table comprising:

5 (a) a support frame having a horizontally collapsible
truss;

(b) an expansion leaf pivotally connected to said
support frame; and

10 (c) a locking mechanism for maintaining said
expansion leaf in a horizontal plane, said
locking mechanism being pivotally connected at
opposing ends to said support frame and said
expansion leaf and having a bendable portion
15 therebetween.

2. The collapsible table according to claim 1 wherein
said locking mechanism has a support arm pivotally
connected to an extension arm.

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3. The collapsible table according to claim 2 wherein
said extension arm has a slot for receiving a pin
extending from said support arm.

4. The collapsible table according to claim 3 wherein said slot has a locking end wherein said pin engages said locking end to maintain said extension arm in axial alignment.

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5. The collapsible table according to claim 4 wherein said slot has a pivoting end wherein as said pin engages said pivoting end to allow said extension arm to pivot with respect to said support arm.

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6. The collapsible table according to claim 5 wherein said support arm has an aperture for allowing said extension arm to pivot with respect to said support arm.

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7. The collapsible table according to claim 6 wherein said support arm has a chanel for allowing the extension arm to slid therein.

20 8. The collapsible table according to claim 1 wherein a stop bar extends from the support frame and is configured to abut a portion of said locking mechanism.

9. A table support system comprising:

5 (a) an expansion leaf pivotally connected to a table support structure;

(b) a locking mechanism for maintaining said expansion leaf in an expanded configuration, said locking mechanism comprising:

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(i) a support arm pivotally connected to said support frame;

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(ii) an extension arm pivotally connected at opposing ends to said support arm and said expansion leaf;

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(iii) a pin slidably received within a slot in said extension arm wherein said pin cooperates with said support arm to maintain said extension arm in axial alignment with said support arm.

10. The table support system according to claim 9 wherein said support arm has a channel for slidably receiving said extension arm.

5 11. The table support system according to claim 10 wherein said support arm has an aperture for allowing said extension arm to pivot with respect to said support arm.

12. The table support system according to claim 11 wherein
10 said support arm has a brace for maintaining said extension arm in axial alignment with said support arm.

13. An expandible and collapsible table comprising:

15 (a) an expanded configuration wherein a support structure is expanded horizontally by a configurable truss, a pair of expansion leaves extend horizontally from opposing sides of said support structure, and a support arm and
20 extension arm are axially aligned to extend from a lower portion of said support structure to said expansion leaves;

(b) a collapsed configuration wherein said support

structure is collapsed horizontally about said configurable truss, said expansion leaves extend vertically from opposing sides of said support structure, and said support arm and said extension arm co-extend vertically and abut against a stop bar extending from said support structure.

14. The expandable and collapsible table according to claim 13 wherein said support arm and said extension arm cooperate to form a locking mechanism.

15. The expandable and collapsible table according to claim 14 wherein said locking mechanism includes a pin slidable within a slot.

16. The expandable and collapsible table according to claim 15 wherein said pin is able to engage a first end of said slot for allowing said extension arm to pivot with respect to said support arm.

17. The expandable and collapsible table according to claim 16 wherein said support arm has an aperture for allowing said extension arm to pivot with respect thereto.

18. The expandable and collapsible table according to claim
15 wherein said pin is able to engage a second end of said
slot for maintaining said extension arm in axial alignment
5 with said support arm.

19. The expandable and collapsible table according to claim
18 wherein said support arm has a brace for maintaining
said extension arm in axial alignment therewith.

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